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PTO-1449	Application No. 10/003,917	Applicant(s) Joseph A. Zupa	anick, et al.	
in an Application	Docket Number 067083.0161	Group Art Unit	Filing Date November 1, 200)1

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1	B.	274,740	03/27/1883	Douglass			
†	C.	526,708	10/02/1894	Horton			09/01/1893
1	D.	639,036	12/12/1899	Heald			08/21/1899
\dagger	E.	1,189,560	07/04/1916	Gondos			10/21/1914
T	F.	1,285,347	11/19/1918	Otto			02/09/1918
t	G.	1,467,480	09/11/1923	Hogue			12/19/1921
†	H.	1,485,615	03/04/1924	Jones			12/08/1920
\dagger	I.	1,674,392	06/19/1928	Flansburg			08/06/1927
1	J.	1,777,961	10/07/1930	Capeliuschnicoff			04/04/1927
+	K.	2,018,285	10/22/1935	Schweitzer et al.	166	21	11/27/1934
or	L.	2,069,482	02/02/1937	Seay	255	76	04/18/1935

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- 1	N.	197 25 996 A1	01/02/1998	DE	E03B	3/10		х
	0.	0 875 661 A1	11/04/1998	EP	E21B	43/30	x	
	P.	0 819 834 A1	01/21/1998	EP	E21B	43/28		х
a	Q.	0 952 300 A1	10/27/1999	EP	E21B	7/12	х	

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1	S.	Berger and Anderson, "Modern Petroleum;" PennWell Books, pp 106-108	1978
\top	T.	Howard L. Hartman, et al.; "SME Mining Engineering Handbook;" Society for Mining, Metallurgy, and Exploration, Inc.; pp 1946-1950, 2nd Edition, Volume 2	1992
	U.	Dave Hassan, Mike Chernichen, Earl Jensen, and Morley Frank; "Multi-lateral technique lowers drilling costs, provides environmental benefits", Drilling Technology, pp. 41-47	10/1999
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	W.	Joseph A. Zupanick, Declaration of Experimental Use, pp. 1-3	11/12/2000
oc	X.	Pend Pat App, Joseph A. Zupanick "Method and System for Enhanced Access to a Subterranean Zone", SN 09/769,098 (067083.0118)	Filed 01/24/2001
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\perp	A. TRADENIA	2,169,718	08/15/1939	Boll et al.	255	24	04/01/1937
1	C.	2,335,085	11/23/1943	Roberts	251	197	
T	D.	2,450,223	09/28/1948	Barbour	255	<u> </u>	03/18/1947
T	E.	2,490,350	12/06/1949	Grable		76	11/25/1944
t^-	F.	2,679,903			166	4	12/15/1943
╀	G.	 	06/01/1954	McGowen, Jr. et al.	166	1	11/23/1949
╀	Н.	2,726,063	12/06/1955	Ragland et al.	255	1.8	05/10/1952
L		2,726,847	03/31/1952	McCune et al.	255	1.6	03/31/1952
L	l.	2,783,018	02/26/1957	Lytle	251	25	02/11/1955
	J.	2,847,189	08/12/1958	Shook	255	76	<u></u> _
	K.	2,911,008	11/03/1959	Du Bois		<u> </u>	01/08/1953
	L.	2,980,142	04/18/1961	Turak	137	625.31	04/09/1956
	M.	3,347,595			137	637.3	09/08/1958
\dashv	N.		10/17/1967	Dahms et al.	299	4	05/03/1965
-		3,443,648	05/13/1969	Howard	175	103	09/13/1967
4	О.	3,473,571	10/21/1969	Dugay	137	625.4	12/27/1967
	Р.	3,503,377	03/31/1970	Beatenbough et al.	123		
	Q.	3,528,516		Brown	175		07/30/1968
7	R.	3,530,675		Turzillo			08/21/1968
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	В.	3,692,041	09/19/1972	Bondi	137	238	
\prod	C	3,757,876	09/11/1973	Pereau	175	267	01/04/1971
П	D.	3,757,877	09/11/1973	Leathers	175		09/01/1971
V	E.	3,800,830	04/02/1974	Etter		269	12/30/1971
٧	F.	3,825,081	07/23/1974	McMahon	137	625.41	01/11/1973
1	G.	3,809,519	05/07/1974	 	175	73	03/08/1973
\parallel	Н.	3,828,867		Garner	425	245	10/19/1972
╢	<u>. </u>	3,874,413	08/13/1974	Elwood	175	45	05/15/1972
#	J.		04/01/1975	Valdez	137	625.47	04/01/1975
L	б. К.	3,902,322	09/02/1975	Watanabe	61	35	08/27/1973
1	J	3,934,649	01/27/1976	Pasini, III et al.	166	254	07/25/1974
L	L.	3,957,082	05/18/1976	Fuson et al.	137	625.41	
	M.	3,961,824	06/08/1976	Van Eek et al.	299	17	09/26/1974
	N.	4,037,658	07/26/1977	Anderson	166		10/21/1974
_	Ο.	4,037,351	02/14/1978	Baum		272	10/30/1975
-	P.	4,089,374	05/16/1978	Тетту	175	14	06/10/1976
_		4,116,012			166	259	12/16/1976
_		4,156,437		Abe et al.	405	238	07/14/1977
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1	B.	4,189,184	02/19/1980	_		65	08/16/1977
T	C	4,220,203	09/02/1980		299	8	10/13/1978
H	D.				166	271	12/06/1978
H		4,221,433	09/09/1980	Jacoby	299	4	
Ц	Ε.	4,257,650	03/24/1981	Allen	299		07/20/1978
	F.	4,278,137	07/14/1981	Van Eek, deceased		2	09/07/1978
T	G.	4,296,785	10/27/1981		175	267	06/18/1979
+	Н.	4,299,295		Vitello et al.	141	105	07/09/1979
+	1.		11/10/1981	Gossard	175	45	02/08/1980
- -		4,312,377	01/26/1982	Knecht	137	625.19	L _
\perp	J.	4,317,492	03/02/1982	Summers et al.	175		08/29/1979
	K.	4,328,577	05/04/1982	Abbott et al.		79	02/26/1980
T	L.	4,366,988	01/04/1983		370	84	06/03/1980
+-	М.	4,372,398		Bodine	299	14	04/07/1980
-	N.		02/08/1983	Kuckes	175	45	11/04/1980
_		4,386,665	06/07/1983	Dellinger	175	61	
	О.	4,390,067	06/28/1983	Willman	166		10/27/1981
	P.	4,396,076	08/02/1983	Inoue		 	04/06/1981
_	Q.	4,397,360	08/09/1983		175	265	04/27/1981
_	R.	4,401,171	00/20/	Schmidt	175	61	07/06/1981
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	C.	4,494,616	01/22/1985	McKee	175	67	07/21/1982
	D.	4,512,422	04/23/1985	Knisley	175		07/18/1983
	E.	4,519,463	05/28/1985	Schuh		99	06/28/1983
Π	F.	4,527,639	07/09/1985	Dickinson, III et al.	175	61	03/19/1984
H	G.	4,532,986	08/06/1985		175	61	03/02/1983
H	Н.	4,544,037	10/01/1985	Mims et al.	166	50	05/05/1983
\dashv		4,558,744		Terry	166	369	02/21/1984
+		_ 1	12/17/1985	Gibb	166	335	09/13/1983
+	К.	4,565,252	01/21/1986	Campbell et al.	175	269	03/08/1984
4		4,573,541	03/04/1986	Josse et al.	175	78	08/09/1984
\perp	L.	4,599,172	07/08/1986	Gardes	210	314	12/24/1984
	M.	4,600,061	07/15/1986	Richards	175	62	
	N.	4,605,076	08/12/1986	Goodhart	175	61	06/08/1984
	Ο.	4,611,855	09/16/1986	Richards	299	1	08/03/1984
1	P.	4,618,009	10/21/1986	Carter et al.		2	05/11/1984
1	Q.	4,638,949	01/27/1987	Mancel	175	267	08/08/1984
+	R.	4,646,836	03/03/1987		239	307	04/26/1984
+	S.	4,674,579		Goodhart	166	303	12/20/1984
+	T.	4,702,314		Geller et al.	175	45	03/07/1985
+	U.			Huang et al.	166	245	03/03/1986
┼	V. V.	4,715,440		Boxell et al.	166		07/14/1986
1_	V.	4,754,819	07/05/1988	Dellinger	175		03/11/1987

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PTO-1449 Information Disclosure Citation

Application No.
10/003,917

Docket Number
067083.0161

Applicant(s)
Joseph A. Zupanick et al.

Group Art Unit
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\mathbf{T}	C.	4,842,081	06/27/1989		175		02/08/1988
\top	D.	4,844,182	07/04/1989	1		23	05/18/1988
	E.	4,852,666	08/01/1989		175	215	06/07/1988
+	F.	4,978,172			175	61	04/07/1988
+	G.		12/18/1990	Schwoebel et al.	299	12	10/26/1989
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\coprod		5,035,605	07/30/1991	Dinerman et al.	481	018	02/16/1990
Ц	[. 	5,036,921	08/06/1991	Pittard et al.	166	298	
	J.	5,074,360	12/24/1991	Guinn	166		06/28/1990
	K.	5,074,365	12/24/1991	Kuckes	175	281	07/10/1990
	L.	5,074,366	12/24/1991	Karlsson et al.		40	09/14/1990
7	M.	5,111,893	05/12/1992	Kvello-Aune	175	76	12/24/1991
\dashv	N.	5,121,244	06/09/1992		175	258	12/24/1990
+	0.	5,135,058	<u> </u>	Takasaki	359	161	03/15/1989
4	P.		08/04/1992	Millgard et al.	175	71	04/26/1990
\bot		5,148,875	09/22/1992	Karlsson et al.	175	62	09/24/1991
\perp	Q.	5,165,491	11/24/1992	Wilson	175		
	R.	5,168,942	12/08/1992	Wydrinski	175	<u> </u>	04/29/1991
	S.	5,174,374	12/29/1992	Hailey	166	<u> </u>	10/21/1991
\top	T.	5,193,620	03/16/1993	Braddick			10/17/1991
\dagger	U.	5,194,859		Warren	166	382	08/05/1991
+	V.	5,194,977		<u></u>	340	853.4	02/08/1991
-	W.	5,197,553		Nishio	359	128	11/20/1990
4		3,197,333	03/30/1993	Leturno	175		08/14/1991

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,	В.	5,199,496	04/06/1993	Redus et al.	166	366	10/18/1991
1	C.	5,201,817	04/13/1993	Hailey	175	269	12/27/1991
\dashv	D.	5,217,076	06/08/1993	Masek	166	303	09/27/1991
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-11	F.	5,242,017	09/07/1993	Hailey	166	55.8	12/27/1991
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\top	Н.	5,255,741	10/26/1993	Alexander	166	278	12/11/1991
	ī.	5,271,472	12/21/1993	Leturno	175	107	10/14/1992
\dashv	J.	5,301,760	04/12/1994	Graham	175	61	09/10/1992
	K.	5,363,927	11/15/1994	Frank	175	67	09/27/1993
-#	L.	5,385,205	01/31/1995	Hailey	166	55.8	10/04/1993
	М.	5,394,950	03/07/1995	Gardes	175	45	05/21/1993
	N.	5,402,851	04/04/1995	Baiton	166	369	05/03/1993
+	О.	5,411,082	05/02/1995	Kennedy	166	181	01/26/1994
+	Р.	5,411,085	05/02/1995	Moore et al.	166	242	11/01/1993
+	Q.	5,411,104	05/02/1995	Stanley	175	65	02/16/1994
+	R.	5,431,220	07/11/1995	Lennon et al.	166	55.7	03/24/1994
+	S.	5,435,400	07/25/1995	Smith	175	61	05/25/1994
+	T.	5,450,902	09/19/1995	Matthews	166	268	05/14/1993
+	U.	5,454,419	10/03/1995	Vloedman	166	277	09/19/1994
+	V.	5,462,116	10/31/1995	Carroll	166	249	10/26/1994
+	W.	5,462,120	10/31/1995	Gondouin	166	380	01/04/1993
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	В.	5,485,089	01/16/1996	Kuckes	324	346	10/08/1993
	C.	5,494,121	02/27/1996	Nackerud	175	263	11/29/1994
	D.	5,501,273	03/26/1996	Puri	166	252.5	
	E.	5,501,279	03/26/1996	Garg et al.	166		10/04/1994
	F.	5,584,605	12/17/1996	Beard et al.		372	01/12/1995
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